Ophthalmic State of fevers.

Op

Which
was running in the French Army that
besieged Ehrenbreitstein during the last
war in the year 1799. also it occurred
mrs Dr Cox - It
was morbid excitement beyond inflamn.
I called it formerly a Dry Ophthalmia.

Opthalmic State of fever

I include in ~~what is to~~ it morbid excitement in the eyes - whether it affects their coats - membranes, or the their lids or substance. I refer you to authors for the Names of diseases in each of the above parts. The worst cases of it are the worst inflam^n but these seldom occur owing to the facility which the red blood passes into the serous vessels of the eyes. I have seen it. - It is described by Dr.

Its remote and exciting causes are all the causes of fever, particularly marsh miasmata, hence where it often prevails, when bilious fevers are Epidemic. Dr Hawkins the traveller into Africa

+ 217 British soldiers who had served in Egypt during the late war returned blind to their native country. Other causes concurred to induce it to be mentioned recently. Cairo ~~which~~ is one of the most filthy cities in the world. ‡ see below

✓ ‡ well known, bilious intermittent fevers are always endemic. ⊙ see below

⊙ Lets us are reflections of light & heat from the sand - fine particles of sand getting into the eyes ~~&~~ also the juice of ~~the~~ onions on which they live acting in the chiefly ways. Ascellini ~~thinks the~~ ascribes it ~~only to~~ # the atmosphere. The heat & light only predispose to it. ⊙ ⊙ I once attended a Mr Kerlin in 1800 in whom it suddenly went of on the 5th day with a chill & fever. Bil. Fevers was then prevalent in the city.

⊙ hence seasons & persons much exposed to the heat & light are most predisposed to it.

‡ I say from the pores. To this cause likewise Ascellini ascribes it in Egypt. Hence it occurs. After the cool nights of that hot

days it accompanies the Dysentery in that Country. ~~Perhaps this is the~~ Its frequency in Egypt ~~very~~ is ~~in part~~ owing in part to pestilential exhalations. It often follows the plague, & when it is attended with great pain & Delirium. Volney says it is so common ~~Its other Causes in Egypt travellers~~ at Grand Cairo, that out of 100 persons whom he met in the Street, 20 were blind, 10 had but one eye, and in the remaining 70 the eyes were inflamed, purulent, or affected by some blemish. It is Dr Pugh's = horn says a common disease in Minorca where it is ~~2 cause~~ 2 a general determination of blood to the head from fness of any kind. It accompd: the fness of moist cold weather according to Dr Huxham. It was once Epidemic from a fever among the Childn: the bettening house.

3 Acid matter translated to the eyes whether from the lues, small pox or measles or pores. #

4 Diseases in other parts of the body

Country. He calls it very happily a Coryza of the Dr. eyes. — He denies that Sand — Onions ~~& Garlic~~ in ~~[illegible]~~ He even renders it general — and adduces many facts to prove it. — Two Causes ~~only~~ chiefly and Obst. perspiration translated to the eyes & Others act more feebly & rarely — ~~too~~ — to be mentioned presently.

✓ This is so true — that it common to ~~says~~ in Egypt — "Stink — blinds"

+ It is thus brought on by reading in a Carriage, or on horseback. ~~Dr~~ the Revd Mr Westley injured his eyes in the Cutter ~~way~~. Should be avoided.

connected by associated motions with the ~~two~~ either eyes, derived from nature, or acquired by accident.

4 Bite in the stomach or wounds in gorge ~~[illegible]~~ Dysentery acts in this way, unless the wet finger poisoned by it. eyes touched by ~~[illegible]~~

5 Certain ~~effluvia~~ effluvia which act chemically, or mechanically upon the eyes. The former are Smoke, the fetor of privies, the Juice of Onions - and the volatile matters emitted from putrifying substances. The latter are hairs - sand & dust & the pollen of plants. In minorum this disease is produced by the fine particles of Oyster & Clam Shells which are broken in its streets. Sand often induces it in the new Countries, Grand Cairo. The pollen of plants in Kentucke & Salt dust and little insects Clapham says in the Spring season.

6 The reflection of Light from the snow, & from white sand, or soil of any kind. This acts in Egypt.

7 Excess of light in reading or working.

This should not be applied too soon. It induces reaction, and increases the disease.

To derive the utmost advantage from this remedy Dr Graham used to oblige his patients to sit with their feet in cold water while the cold water was applied by means of cloths applied to the eyes. It probably acted by inducing a general rigor which drawn the blood from all the external parts of the body. ~~It did not~~ ~~it applied too soon~~ ~~was bad effect in~~

1st To remove all its exciting causes.

2 To reduce morbid excitement ~~by~~.—

3 To give tone to the eyes.—

The first viz: exciting causes have been enumerated. To the second indication belong 1.

A regard should be had to climate in the use of this remedy. General bl was hurtful in Egypt — local bleeding only useful. — In our climate if the pulse be excited general bl should precede local for reasons formerly mentd.

8 Excess of exposure in the Use of the eyes in reading or sewing, or working by Candle light, more especially thro magnifying glasses.

9 Great heat - hence Cooks & men who work ~~in~~ by fire are often affected by it. The hot wind of India brought it on in Mr Bruce. 10 Drunkenness. 11 Excess in venery.

12 ~~10~~ Strokes & ~~blows and~~ wounds, ~~&c~~ in the eyes. 13 Dews & night fair.

The indications of ~~the Ophthalmia are~~ cure are 1. ∓

1 Darkness for days, weeks & months, & even the light of a fire especially of coal or charcoal burning. —

2 ~~V.S.~~ General & local. The last by Cups - leeches, & Scarification of the temples adjacent to the eyes - or ~~temporal~~ ~~Salphenarum~~. The more numerous are the lines of inflammation on the eyes, the more ~~gentle purges~~ gentle purges. 4 low very low diet.

4 Blisters to the neck, ~~temples~~ behind the ears, and to the temples. also Caustics.

5 Cold water ~~6 Removing all its exciting causes~~ — 6 milk, or milk & water or poultices of bread & milk.

+ Dr Whyt the physician of the army of Egypt speaks highly of the following Collyria.
1 ℞ Cor: rub: gr vi Sp. & Aq font: ā ℥iss to be applied by a rag to the Eye.
2 ℞ Lig Lead: gr iii Cp. wine & Aq font: ā ℥iss mf - Do
3 Alum, or vitr ℥i Aq: ℔ss
4 Salt & water. Dr Guthrie mentions a case in a letter to Dr Duncan, in an Artist in whom the disease was induced by over straining his eyes thro a magnifier, by the vapor of Turpentine accidentally conveyed to his eyes by his wife. When from an inverted hair — the extraction of it, — ~~Hackrip~~ When from particles of Iron in the external Coat of the eye — a Needle, or Loadstone.
Dr Scarpa says when from the Gonorrhœa, by irritating the Urethra by Injections — or Bougies — or stimulating Applications to the perinæum.
+ Dr Scarpa recommends ℞ Vit: Rom: Bol Armen ā ℥ ss. Corrosh: ℔ss in powder ℥i to Aq: bullient ℔i — filter it to ℥i. add Aq pur ℥ij inject it between eyelids 2 or 3 times a day. —

To the 3rd Indication belong,

After morbid action is subdued in part, stimulating applications to the eyes, beginning with such as are gentle.

1 Wine & water. 2 Brandy or Sp.s & Water. Vinegar and water - weak Spirit of Turp.e & water. Salt & water.
2 Infusions of Oak Galls - or Peruvian Bark. 3 Salt & water. 4 Lead water. 5 an eye water thus made. ℞ Vit: Alb: ℥ij Sac: Saturni ℥iv Aq: ℔ij Wm Allen's Recipe. He used Snow water. 6 Opii ℥i galls ℥ij aq ℥iv wrf a little of it to be dropped in the eye. Infusion of Digitalis. Commended by Dr Reymans of Hamburg. Other cured by Dr Warr if opacity attends. +

Where an acrid humor is poured on the eye from the eyelids, or when the tears become so, the following Demulcent ~~Collyr~~ applications have been found useful. Quince Seed bruised in water. The pith of Sassafras, & the fine powder of Lap: Cal: mixed with fresh butter. V or Citron ointment - or ~~Cod liver~~ lard. —

when it is the effect of a translation of morbid action, the original disease should be induced. If from Dysentery - purges should be employed - If from suppression or retrocession of customary discharges, or eruptions, - they should be brought back again by the remedies for that purpose. If from Gout - Blisters to the Ankles & over the great toe. If from Gonorrhoea - by irritating injections - bougies, or irritg. Applications to the perinæum. I have lately heard of a Chronic Opthalmia being cured by an attack of inflamy fever. Perhaps an artificial fever might be excited where the disease is treat with the same salutary effect. It owes its peculiar obstinacy in many cases to its being an insulated disease. By exciting an artificial inflamy fever we divide its force by diffusing it.

When this disease resists all the above remedies & applications, It cures it radically. This is indispensably necessary when it arises from nervous viscera.

When it accompanies intermittent fevers - Bark shd be given, especially when it puts on periodical paroxysms. Dr Campbell says he has cured it by a few Opium pills after every common Remedy had been used to no purpose. Dr Powers says the Egyptian Ophthalmy yielded frequently to this remedy without repletion. ~~The Rev. Dr Powers and Dr Campbell says the~~ hysterics shd be employed ~~to~~ when the stomach is affected, also ~~in it~~ in obstinate cases where the whole system is ~~affected~~ brought into action. In Chronic Cases where a feeble action ~~fals~~ occurs, issues, Bark - Steel & exercise shd be employed, especially where the whole system is affected.

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To prevent a relapse all its exciting causes should be avoided. Fact of hickory fire at Jersey College.

I need hardly add of how much consequence it is to attend early, & closely to an infl.n in the eyes. When neglected, and not treated properly it often ends in blindness from a film, Amaurosis & Cataract & sometimes Inspissation, or such Ulcers in its coates as end in Cancer & death.

Hickory fire.